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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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6-10

AGRICULTURAL NEWS: Above normal temperatures and below normal rainfall prevailed across the Commonwealth this past week. Temperature average, at 64 degrees, was 1 degree above normal for this point in the season. Total rainfall for the week was 0.63 inches, 0.43 inches below normal. **Topsoil moisture** was rated as 1 percent short, 49 percent adequate, and 50 percent surplus. **Subsoil moisture** was rated as 1 percent very short, 2 percent short, 58 percent adequate, and 39 percent surplus. There were 2.7 days, out of a possible 7, suitable for fieldwork. Farmers were once again contending with the wet conditions. Many regions in the state are still contending with flooding as a result of the rainfall received during the first weekend in May. Some areas will undoubtedly suffer crop damage; however the extent cannot be determined at this time.

ROW CROPS: Corn planting progress was once again inhibited by the wet weather. Reported progress was 89 percent of intended acreage planted, up 51 percent from last year, and up 17 percent from the five year average. Corn emergence was reported at 76 percent, 51 percent above the previous year, and 26 percent above the five year average. Some fields will need to be replanted due to standing water. Soybean planting progress was reported at 11 percent, 9 percent above last year, and the same as the five year average.

TOBACCO: As of Sunday May 9, 9 percent of tobacco plants were less than 2 inches tall, 33 percent were 2 to 4 inches tall, and 58 percent were taller than 4 inches. Only 5 percent of burley tobacco acreage had been set, 1 percent under the five year average. Dark tobacco is 10 percent set, six percent ahead of the five year average. Producers indicate that there will be adequate plants for tobacco setting in the State.

SMALL GRAINS: Winter wheat condition was reported as 2 percent very poor, 4 percent poor, 19 percent fair, 55 percent good, and 20 percent excellent. Winter wheat headed was 65 percent, 1 percent ahead of last year, and 5 percent above the five year average.

OTHER CROPS AND PASTURE: For the week of May 9, hay crop condition was rated as 2 percent very poor, 5 percent poor, 18 percent fair, 55 percent good, and 20 percent excellent. Some farmers made their first cutting of hay this past week where conditions allowed. Pasture condition was rated as 1 percent very poor, 2 percent poor, 22 percent fair, 53 percent good, and 22 percent excellent.

CROP PROGRESS for week ending 05/09/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	89	83	38	72
Corn Emerged	76	59	25	50
Wheat Headed	65	22	64	60
Soybeans Planted	11	6	2	11
Soybeans Emerged	4	NA	1	0
Burley Tobacco Set	5	1	2	6
Dark Tobacco Set	10	3	0	4

SOIL MOISTURE for week ending 05/09/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	1	49	50
Subsoil	1	2	58	39

CROP CONDITIONS for week ending 05/09/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	2	4	19	55	20
Pasture	1	2	22	53	22
Hay Crops	2	5	18	55	20

KENTUCKY WEATHER SUMMARY, MAY 3 - 9, 2010:

Just Above Normal Temperature and Below Normal Rainfall:

This past week most everyday was sunny and clear, with temperatures right around seasonal normals. The majority of rain fell early in the week in the eastern part of the state, due to the leftovers from the system that dropped record rainfall the weekend of May 1st and 2nd. The rest of the work week was mostly dry, which is precisely what the Commonwealth needed to ease the widespread flooding caused the week before. The only other widespread period of rainfall was late Friday early Saturday from a cold front moving across the state, which brought scattered rainfall in the form of thunderstorms.

Temperatures for the period averaged 64 degrees across the state which was 1 degree above normal and 4 degrees warmer than the previous week. High temperatures averaged from 76 in the West to 75 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 2 degrees above normal in the East. Low temperatures averaged from 54 degrees in the West to 52 degrees in the East. Departure from normal low temperature ranged from 1 degree above normal in the West to 0 degrees from normal in the East.

Rainfall for the period totaled 0.63 inches statewide which was 0.43 inches below normal. Rainfall totals by climate division, West 0.14 inches, Central 0.20 inches, Bluegrass 0.37 inches and East 1.83 inches, which was -0.96, -0.91, -0.66 and +0.82 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Glasgow to a high of 2.12 inches at Buckhorn Lake.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 9, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	0.10	8.34	7.72	+3.16	+3.96	84	39	64.4	+1	105	520	+85
Berea	0.99	10.87	10.70	+5.21	+6.61	88	37	62.8	+0	95	478	+34
Bowling Green	0.05	12.03	11.39	+6.28	+7.22	88	40	66.3	+3	115	556	+112
Bristol	1.19	3.40	2.66	-1.03	-0.56	82	42	65.1	+3	109	509	+113
Buckhorn Lake	2.12	6.85	6.52	+1.91	+2.95	84	38	62.2	-0	92	465	+69
Cape Girardeau	0.08	7.69	5.82	+1.75	+1.51	84	43	65.6	-0	112	550	+97
Campbellsville	0.25	11.29	10.96	+5.04	+6.45	84	37	63.1	-0	97	493	+49
Covington	0.13	3.94	3.47	-1.05	-0.15	84	37	62.0	-0	89	452	+86
Cumberland Gap	1.31	5.94	5.13	+0.46	+1.15	86	38	64.3	+2	105	515	+119
Dix Dam	0.19	10.03	9.71	+4.43	+5.66	84	38	63.3	+1	98	479	+44
Evansville	0.35	5.90	4.68	+0.50	+0.75	84	38	63.1	-3	96	527	+113
Glasgow	0.00	9.79	9.24	+3.77	+4.89	85	37	65.2	+2	112	525	+141
Grayson	1.64	6.66	6.54	+1.79	+3.00	88	35	62.3	-0	97	463	+106
Hardinsburg	0.45	10.70	8.90	+4.98	+4.76	84	37	63.1	-0	99	510	+66
Henderson	0.26	7.40	6.14	+1.82	+2.12	85	43	64.4	-1	103	518	+74
Huntington	2.28	6.15	5.54	+1.31	+2.02	88	43	63.9	+2	101	508	+112
Jackson	2.02	5.69	5.25	+0.29	+1.35	86	39	64.5	+2	105	547	+151
Lexington	0.41	8.52	8.26	+3.34	+4.50	85	39	63.6	+1	99	477	+111
London	2.03	7.04	6.42	+1.88	+2.70	86	40	64.3	+2	104	503	+107
Louisville	0.32	9.04	7.94	+3.47	+3.92	88	42	66.2	+3	114	557	+143
Mayfield	0.00	6.49	5.04	-0.01	+0.39	87	41	66.3	+1	116	568	+85
Nashville	0.04	17.03	16.52	+11.24	+12.34	86	43	67.4	+4	123	594	+111
Nolin Lake	0.27	9.56	8.75	+3.44	+4.29	85	36	62.9	-1	96	493	+58
Paducah	0.13	6.61	5.15	+0.17	+0.54	86	42	66.1	+0	116	564	+111
Princeton	0.03	9.75	7.68	+3.51	+3.20	85	37	65.1	-1	112	548	+74
Quicksand	1.79	5.56	5.11	+0.16	+1.21	87	36	62.6	+0	99	510	+114
Somerset	1.45	10.63	10.32	+4.81	+6.09	85	35	63.1	+1	98	490	+55
Spindletop	0.33	6.39	6.12	+1.21	+2.36	85	39	63.7	+1	100	484	+118
Williamstown	0.14	6.00	5.01	+0.57	+1.10	83	38	61.8	-1	89	462	+96

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>